

Converting Colors

XYZ(16.0814, 16.7543, 23.8853)

Have a look what the booklet for
XYZ(16.0814, 16.7543, 23.8853)
contains.

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Color

**XYZ(16.0579, 16.7375,
23.8570)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7283
RGB	106, 114, 131
RGB Percent	42%, 45%, 51%
CMY	0.5843, 0.5529, 0.4863
CMYK	0.19, 0.13, 0.00, 0.49
HSL	221°, 11%, 46%
HSV	221°, 19%, 51%
XYZ	16.0579, 16.7375, 23.8570
YIQ	113.5460, -10.2250, 3.5910

Conversions

Conversions Part 2

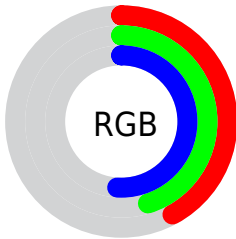
Format	Color
R_{YB}	106, 112, 131
Decimal	6976131
CIE Lab	47.93, 0.86, -10.35
CIE LCh	48, 10.388, 274.748
Yxy	16.7375, 0.2834, 0.2954
Android (android.graphics.Color)	4285166211 (0xFF6A7283)
YUV	113.5460, 8.6048, -6.6178
Hunter-Lab	40.9115, -1.5332, -5.9361

Details

The XYZ color **16.0579, 16.7375, 23.8570** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.0446, 20.0317, 16.4988**, and the grayscale version is **15.8362, 16.6609, 18.1437**.

A 20% lighter version of the original color is **36.3885, 38.0022, 50.7647**, and **5.2161, 5.4052, 8.7510** is the 20% darker color. If you saturate the color by 10%, you get **13.6623, 14.0833, 23.4712**, and if you desaturate by 10%, it is **18.7902, 19.7114, 24.2873**.

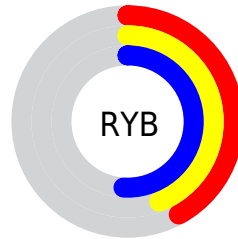
Distribution



Red (42%)

Green (45%)

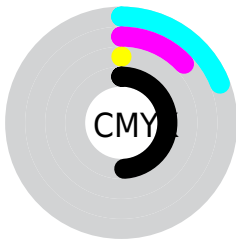
Blue (51%)



Red (42%)

Yellow (44%)

Blue (51%)

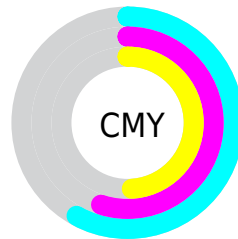


Cyan (19%)

Magenta (13%)

Yellow (0%)

Black (49%)



Cyan (58%)

Magenta (55%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0579, 16.7375, 23.8570 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 16.0579, 16.7375, 23.8570 by changing the saturation by 10% instead.

■ 16.0579, 16.7375,
23.8570

■ 16.0579, 16.7375,
23.8570

222.9468,
233.6551, 285.3600

■ 9.6562, 10.0475,
15.0164

■ 36.2553, 37.8739,
50.7376

■ 5.2321, 5.4305,
8.6841

■ 50.7818, 53.0891,
69.6147

■ 2.4203, 2.5020,
4.4417

■ 68.7473, 71.9148,
92.6744

■ 0.8552, 0.8776,
1.8707

■ 90.5171, 94.7354,
120.3351

■ 0.0000, 0.0000,
0.4740

116.4566,
121.9354, 153.0155

■ 0.0000, 0.0000,
0.0000

146.9311,

153.8991, 191.1341

182.3061,
191.0108, 235.1094

■ 16.0579, 16.7375,
23.8570

■ 16.0579, 16.7375,
23.8570

■ 13.6623, 14.0833,
23.4712

■ 18.7902, 19.7114,
24.2873

■ 11.5883, 11.7357,
23.1274

■ 21.8705, 23.0135,
24.7623

■ 9.8221, 9.6834,
22.8244

■ 25.3113, 26.6545,
25.2837

■ 8.3478, 7.9140,
22.5605

■ 29.1241, 30.6439,
25.8528

■ 7.1484, 6.4138,
22.3342

■ 33.3199, 34.9911,
26.4708

■ 6.2047, 5.1678,
22.1434

■ 37.9090, 39.7047,
27.1387

■ 5.4951, 4.1595,
21.9862

■ 42.9017, 44.7935,
27.8578

■ 4.9664, 3.3557,
21.8589

■ 48.3076, 50.2655,
28.6291

■ 4.9222, 3.2895,
21.8485

■ 54.1361, 56.1287,
29.4536

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15.1532, 16.7375, 23.2934



16.0579, 16.7375, 23.8570



16.9562, 16.7375, 22.7946

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16.0579, 16.7375, 23.8570



17.4331, 16.7375, 15.4422



14.3360, 16.7375, 16.1133

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



16.0579, 16.7375, 23.8570



19.0446, 20.0317, 16.4988

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14.9048, 16.7375, 14.3097



16.0579, 16.7375, 23.8570



16.6885, 16.7375, 13.9497

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16.0579, 16.7375, 23.8570



17.7698, 16.7375, 17.8010



15.7600, 16.7375, 13.5563



14.1819, 16.7375, 18.6542

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16.0579, 16.7375, 23.8570



17.4235, 16.7375, 21.3631



15.7600, 16.7375, 13.5563



14.4839, 16.7375, 15.4090

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



16.0584, 16.7382, 23.8574



35.2076, 36.9780, 43.7350



17.6148, 20.7188, 21.7007



8.1306, 8.5377, 10.1721



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.0584, 16.7382, 23.8574



26.7758, 27.7906, 42.4060



15.7023, 15.2728, 23.5933



4.5472, 4.7700, 5.8818



4.8473, 3.2424, 21.5071



0.0228, 0.0233, 0.0765

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



17.5518, 16.3487, 18.1509



29.9970, 27.0407, 30.0766



19.4457, 21.7727, 16.8137



4.7295, 4.7115, 5.1877



9.6248, 4.9143, 2.5966



0.0364, 0.0182, 0.0250

Previews

White Background



This preview shows how the XYZ color 16.0579, 16.7375, 23.8570 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 16.0579, 16.7375, 23.8570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

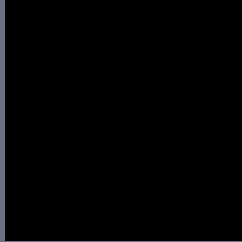
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0579, 16.7375, 23.8570

Background



This preview shows how black text looks on a background with the XYZ color 16.0579, 16.7375, 23.8570.

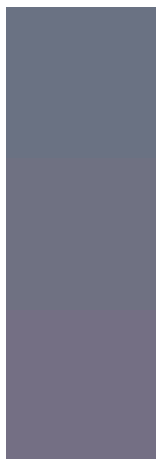


This preview shows how white text looks on a background with the XYZ color 16.0579, 16.7375,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

16.0579, 16.7375, 23.8570

Protanopia

16.4899, 16.8015, 23.4930

Deuteranopia

17.0518, 16.7478, 24.1637



Tritanopia

15.5945, 16.7200, 21.4741

Trichromacy



Original Color

16.0579, 16.7375, 23.8570

Protanomaly

16.2411, 16.6732, 23.4813

Deuteranomaly

16.6411, 16.6990, 24.1759

Tritanomaly

15.7872, 16.7970, 22.4887

Monochromacy



Original Color

16.0579, 16.7375, 23.8570

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.9630, 16.7702, 20.1649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0579, 16.7375, 23.8570 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(106, 114, 131)` looks like.

```
.text, #text, p{  
    color:rgb(106, 114, 131)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(106, 114, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 114, 131) }
```

Border

The CSS property to change the border of an element to XYZ 16.0579, 16.7375, 23.8570 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 114, 131) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(106, 114, 131) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(106, 114, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 114, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 114, 131);  
box-shadow:4px 4px 4px 4px rgb(106, 114,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0579, 16.7375, 23.8570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 114, 131) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(106,  
114, 131) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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